

Appendix 3 (as supplied by the authors): Clinical characteristics of children with asthma admitted with seasonal influenza A (2004-2009).

Age group	Usual asthma medication	Asthma severity	Other comorbidities	Previous asthma related admission?	Previous intensive care unit admission?	Pneumonia?	Admitted to intensive care unit?	Mechanical ventilation?	Reason for admission
2004-5									
>12 years	Regular fluticasone/ salmeterol.; salbutamol as required	Moderate	Recent diagnosis of minimal change nephrotic syndrome	Yes	No	No (chest X-ray done)	No	No	Acute bronchospasm
2-5 years	Regular fluticasone and salbutamol	Moderate	None	Yes	No	No (chest X-ray done)	Yes	No	Croup
6-12 years	Salbutamol nightly; regular fluticasone prescribed but not used.	Moderate	None	Yes	No	Yes	No	No	Acute bronchospasm
12-23 months	Regular fluticasone; salbutamol as required	Moderate	None	Yes	No	No (chest X-ray done)	No	No	Acute bronchospasm
2005-6									
6-12 years	Budesonide and salbutamol as required	Moderate	Developmental delay, seizure disorder	Yes	No	No (chest X-ray done)	No	No	Increased seizure frequency

continued

Appendix 3 (continued)									
Age group	Usual asthma medication	Asthma severity	Other comorbidities	Previous asthma related admission?	Previous intensive care unit admission?	Pneumonia?	Admitted to intensive care unit?	Mechanical ventilation?	Reason for admission
2007-8									
<12 months	? Intermittent fluticasone with salbutamol as required with infection	Indeterminate	Eczema, family history of asthma; Pneumothorax complicating respiratory distress at birth (not premature)	No	No	Yes	No	No	Bronchospasm and pneumonia
6-12 years	Regular budesonide; salbutamol and ipratropium as required	Moderate	Eczema; developmental delay; cerebral palsy; obstructive sleep apnea; recurrent aspiration; gastrostomy tube ventriculoperitoneal shunt.	Yes	No	Yes	No	No	Pneumonia with bronchospasm

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Age group	Usual asthma medication	Asthma severity	Other comorbidities	Previous asthma related admission?	Previous intensive care unit admission?	Pneumonia?	Admitted to intensive care unit?	Mechanical ventilation?	Reason for admission
2-5 years	Regular budesonide	Moderate	Developmental delay; cerebral palsy; seizures; ventriculo-peritoneal shunt; gastro-esophageal reflux; gastrostomy tube; splenectomy	No	No	Possible	No	No	Rule out ventriculo-peritoneal shunt infection, possible aspiration pneumonia
2008-9									
6-12 years	Regular fluticasone; salbutamol as required	Moderate	Autism	No	No	No (chest X-ray done)	No	No	Acute bronchospasm
2-5 years	Regular fluticasone; salbutamol as required	Moderate	Global developmental delay; sensorineural hearing loss	No	No	Possible aspiration pneumonia	No	No	New onset seizures (no asthma symptoms)
12-24 months	Regular fluticasone; salbutamol as required	Moderate	None	No	No	No (chest X-ray done)	Yes	Yes	Febrile status epilepticus